

Library

GREAT HARWOOD
URBAN DISTRICT COUNCIL



ANNUAL REPORT

of the

Medical Officer of Health
and Public Health Inspector

•

FOR THE YEAR

1959

GREAT HARWOOD URBAN DISTRICT COUNCIL

A N N U A L R E P O R T

on the

HEALTH AND SANITARY ADMINISTRATION

of the

DISTRICT

FOR THE YEAR

1 9 5 9

R. C. WEBSTER,

Medical Officer of Health

G. WALMSLEY,

Public Health Inspector and
Cleansing Superintendent

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

OF

ENGLAND

BY

JOHN

JOHN BURNET

OF

THE UNIVERSITY OF OXFORD

MEMBERS OF THE PUBLIC HEALTH COMMITTEE

1959 - 1960

CHAIRMAN

County Councillor F. AINSWORTH

VICE-CHAIRMAN

Councillor J.T. HURST

COMMITTEE

Councillors:-

G.A. Monokman

J. Wyatt

D. McClaskey

J. Dunn, J.P.

E. Whalley, J.P. (Chairman
of Council)

H. Doswell, J.P. (Vice-Chairman
of Council)

R. Fitzpatrick

Mrs. R. Shaw

V. Maguire

T. Melling

PUBLIC HEALTH DEPARTMENT

Administrative Staff

Medical Officer of Health

and

Divisional Medical Officer of Health (No. 5 Division)

R.C. WEBSTER, B.Sc., M.D., D.P.H., D.C.H.

Public Health Inspector

and

Cleansing Superintendent

G. WALMSLEY, M.R.S.P.H., M.A.P.H.I.

THE
JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE

Vol. 100, Part 1, 1970

Edited by
J. H. REES, F.R.S., F.R.S.E., F.R.Soc.Sci.
and
J. H. REES, F.R.S., F.R.S.E., F.R.Soc.Sci.

Published by
The Royal Anthropological Institute
21, BEDFORD SQUARE, LONDON, W.C.1A 3EJ
and
The Royal Society
1, BEDFORD SQUARE, LONDON, W.C.1A 3EJ

HEALTH SERVICES AVAILABLE TO GREAT HARWOOD.

<u>Divisional Health Committee</u>	Office at 19 St. James Street, Accrington, Telephone, Accrington 34223
<u>Divisional Medical Officer</u>	Dr. R.C. Webster.
<u>Ante-Natal Clinics</u>	Water Street, Great Harwood, Alternate Thursday mornings.
<u>County Clinic</u>	High Street, Rishton. First and Third Wednesday each month.
<u>Child Welfare Clinic</u>	Water Street, Great Harwood. All day every Wednesday. Immunisation and U.V.R. by appointment
<u>Health Visitors</u>	Mrs. Shiner, S.R.N., S.C.M., H.V. Mrs. Kelgallon, S.R.N., S.C.M., H.V.
<u>District Nurses</u>	Miss Oldale, S.R.N., Queen's Nurse.
<u>Midwife</u>	Mrs. Izatt, S.C.M., S.R.N.

For the following services:-

Day Nurseries, Domestic Helps, Mental Health Service, Accomodation for the elderly (not sick) persons.

Enquiries should be made at the Divisional Health Office, 19 St. James Street, Accrington.

<u>Divisional Education Executive</u>	Divisional Medical Officer, Dr. R.C. WEBSTER.
---------------------------------------	--

School medical routine and special examination

Minor ailment clinic every Friday morning.

Ophthalmic and Orthopaedic Clinic (by appointment)
at High Street, Rishton.

Mr. Chairman, Lady and Gentlemen,

Once again I have the honour to report on the Health of Great Harwood. The figures in the report show a satisfactory picture; a low infant mortality and an absence of major infections. This is indeed very different from the state of affairs at the beginning of the century. It would be an interesting exercise to calculate a "profit and loss" account of the saving in human life and the gains in healthier living which have occurred since 1900, against the losses which have been sustained due to wars in that period. On page 10 of this report we read of services unknown in 1900; on page 11 and page 12 we see that tuberculosis has become a rare disease, and that infectious diseases have ceased, at present, to be of importance. In Mr. Walmsley's report we have an outline of the extensive work done to safeguard food and water and to improve housing conditions. Those who grumble at the cost of public services might well seek to calculate the value of these things not only in preserving life but also in making life more pleasant.

I thank you Mr. Chairman and members of the Council for your unfailing support and kindness throughout the year, and my fellow officials for their warm friendliness and co-operation.

I am, Mr. Chairman, Lady and Gentlemen,

Your obedient Servant,

R.C. WEBSTER,

Medical Officer of Health

STATISTICS AND SOCIAL CONDITIONS

OF THE AREA



SUMMARY OF STATISTICS AND SOCIAL CONDITIONS

GENERAL

Area in acres	..	..	..	..	..	..	..	..	2868
Number of inhabited houses at the end of 1959	..	..	..	..	..	..	..	..	3951
Rateable Value	..	..	..	..	..	..	..	..	£87300
Sum represented by a penny rate (1959)	..	..	..	..	..	..	..	..	£400
Population at 1951 Census	..	..	..	..	..	..	..	..	10738
Estimated Population for 1959	..	..	..	..	..	..	..	..	10650

CHIEF INDUSTRIES IN THE AREA

The principal industries are the manufacture of cotton goods, light engineering trades, footwear, coated felts, floor coverings, and food packing.

THE HISTORY OF THE

... ..
... ..
... ..
... ..
... ..
... ..
... ..

THE HISTORY OF THE

... ..
... ..
... ..
... ..
... ..

SUMMARY OF VITAL STATISTICS

LIVE BIRTHS

				<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	..	..		71	79	150
Illegitimate	..	..		4	2	6
				<hr/>		
Total	..	..	..	75	81	156
				<hr/>		

Live Birth Rate per 1000 estimated population:

Crude	..	..	..	14.6
Adjusted	..	..	..	16.3

STILL BIRTHS

				<u>Male</u>	<u>Female</u>	<u>Total</u>
Legitimate	..	..		-	4	4
Illegitimate	..	..		1	-	1
				<hr/>		
				1	4	5
				<hr/>		

Still Birth rate per 1000 total births 31.1

DEATHS

				<u>Male</u>	<u>Female</u>	<u>Total</u>
Deaths	..	..	..	80	76	156

Mortality rate per 1000 estimated population:

Crude	..	..	..	14.6
Adjusted	..	..	..	14.1

Death rate per 1000 estimated population:

(England and Wales) .. 11.6

INFANT MORTALITY

Three deaths occurred of infants under the age of one year, two being of infants under one week old.

The causes of death were as follows:-

1 male - Uraemia - 2 months

1 female - Prematurity - 2 days

1 Male - Cardiac Failure - 18 hours

Infant mortality rate per 1,000 live births - total 19.2

Neo Natal mortality rate per 1,000 live births 12.8

Maternal Deaths (including abortion) Nil

Maternal mortality rate per 1,000 live and
still-births Nil

Comparative Birth Rates, Civilian Death Rates

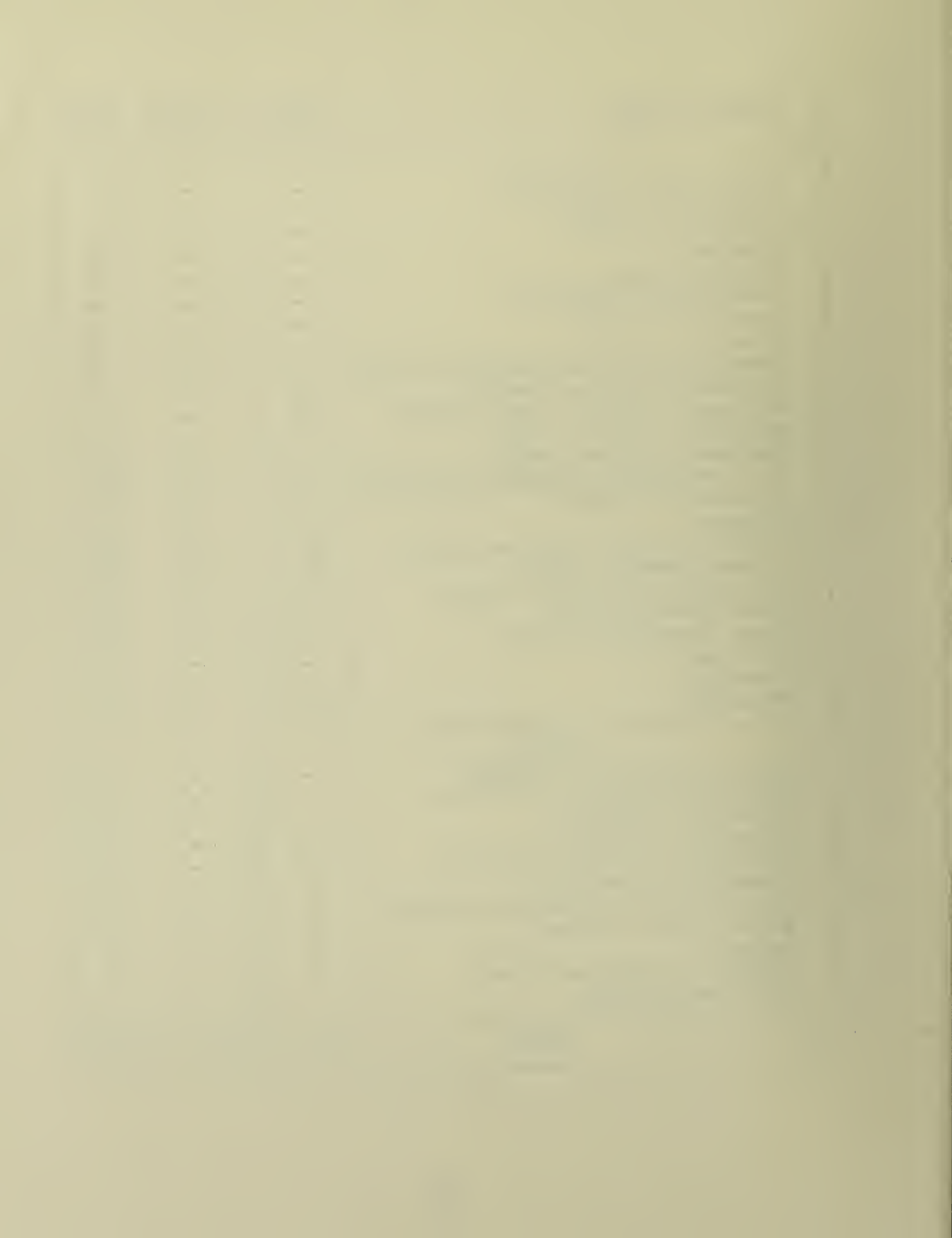
Analysis of Mortality and Maternal Mortality in the year, 1959

	England and Wales	Great Harwood
	Rates per 1,000 Civilian Population	
<u>Births</u>		
Live Births	16.5	16.3
Still Births	20.7 (a)	31.1
<u>Deaths</u>		
All Causes	11.5	14.1
Tuberculosis (Respiratory)	0.07	Nil
Cancer (All Forms)	2.14	2.54
Lung and Bronchus	0.46	Nil
Other Cancer	1.68	Nil
Maternal Mortality	0.38 (a)	Nil
Infant Mortality	22.0 (b)	19.2
Neo Natal Mortality	15.8	12.8
<u>Notifications (Corrected)</u>		
Typhoid Fever	0.00	0.00
Paratyphoid Fever	0.00	0.00
Meningococcal Infection	0.01	0.00
Scarlet Fever	1.05	0.46
Whooping Cough	0.74	Nil
Diphtheria	0.00	0.00
Erysipelas	0.07	0.38
Measles	11.88	4.03
Pneumonia (Acute)	0.59	0.18
Acute Poliomyelitis	0.16	0.00
Acute Encephalitis	0.00	0.00
Food Poisoning	0.20	0.00
Puerperal Pyrexia	0.24	0.00

(a) Per 1,000 Total (Live and Still Births)

(b) Per 1,000 Related Live Births

CAUSES OF DEATH	MALE	FEMALE	TOTAL
Tuberculosis, respiratory	-	-	-
Tuberculosis, others	-	-	-
Syphilitic diseases	-	-	-
Diphtheria	-	-	-
Whooping Cough	-	-	-
Meningococcal infections	-	-	-
Acute Poliomyelitis	-	-	-
Measles	-	-	-
Other infectious and parasitic disease	-	-	-
Malignant neoplasm, stomach	4	2	6
Malignant neoplasm, lung, bronchus	5	-	5
Malignant neoplasm, breast	-	1	1
Malignant neoplasm, uterus	-	2	2
Other malignant & lymphatic neoplasms	9	3	12
Leukamia, Alukaemia	1	-	1
Diabetes	-	3	3
Vascular lesions of nervous system	10	17	27
Coronary disease angina	22	12	34
Hypertension with heart disease	2	1	3
Other heart diseases	8	21	29
Other circulatory diseases	1	4	5
Influenza	-	-	-
Pneumonia	3	-	3
Bronchitis	6	1	7
Other diseases of the respiratory System	-	-	-
Ulcer of stomach and duodenum	-	-	-
Gastritis, Enteritis & Diarrhoea	-	-	-
Nephritis & Nephrosis	-	2	2
Hyperplasia of prostate	1	-	1
Pregnancy, Childbirth, Abortion	-	-	-
Congenital malformation	2	-	2
Other defined & ill defined diseases	4	4	8
Motor Vehicle accidents	-	1	1
Suicide	2	-	2
Homicide & operations of war	-	-	-
All other accidents	-	2	2
TOTAL	80	76	156



GENERAL PROVISIONS

of the

HEALTH SERVICE



LABORATORY FACILITIES

All Pathological and Bacteriological work for the Health Department was carried out at Blackburn Royal Infirmary. This work will in future be carried out at the Public Health Laboratory at Preston.

AMBULANCE SERVICE

This service is administered by the No. 5 Health Division of the Lancashire County Council. Two ambulances and one sitting case car are available for the district. The ambulance station is day-manned, and night-calls are dealt with by the ambulance station at Accrington.

HOME HELP SERVICE

The Home Help service is administered by the Divisional Health Authority.

MATERNITY AND CHILD WELFARE

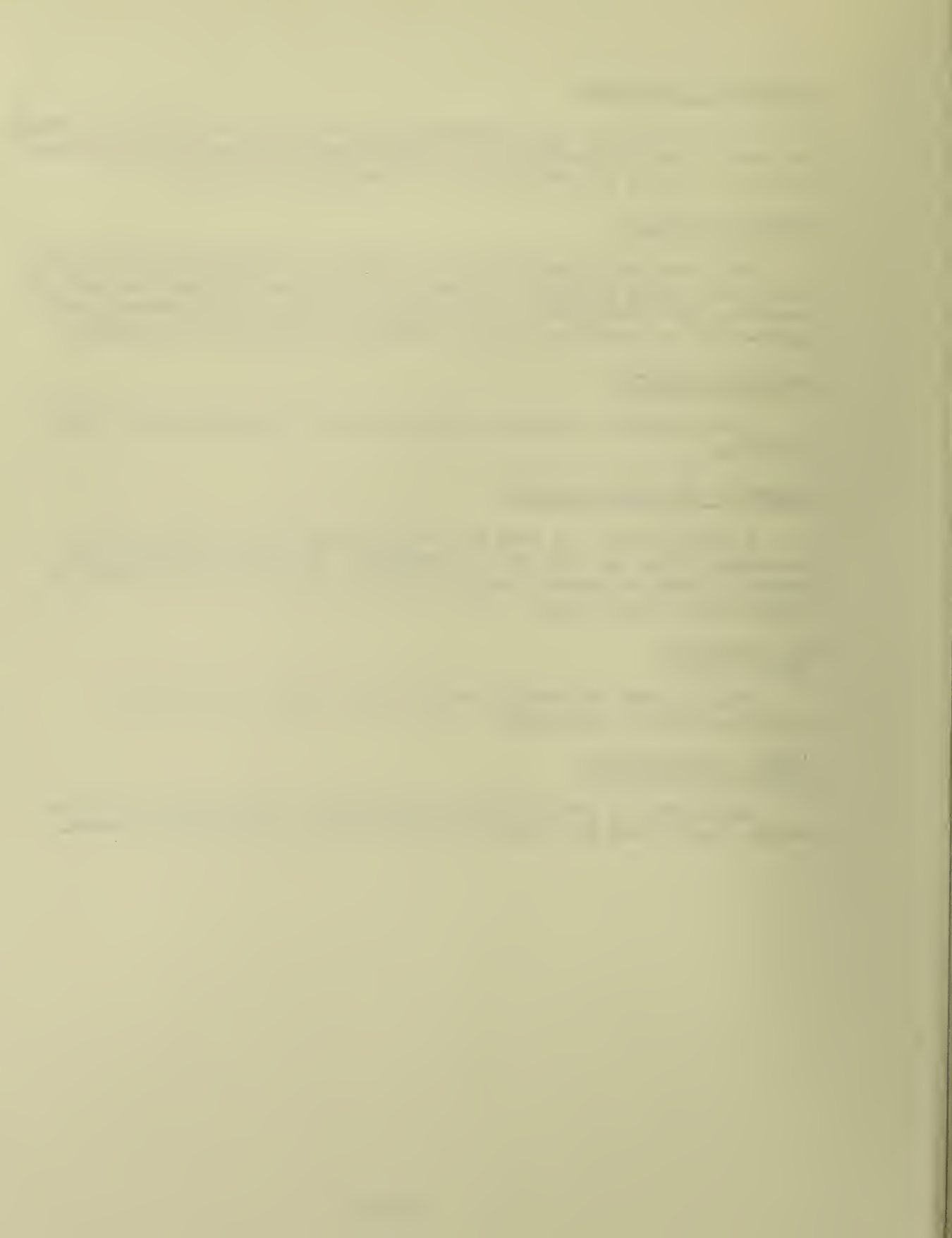
A weekly clinic is held for children under five years, and a pre-natal clinic is held once a fortnight. The duties are under the control of the Divisional Health Authority. The new Health Centre is situated in Water Street.

DAY NURSERIES

There is one day nursery in the town, administered by the Divisional Health Authority.

HOSTEL ACCOMMODATION

One hostel is available for aged persons. It is operated by the County Council and has accommodation for thirty-nine men and women.



PREVALENCE AND CONTROL

of

INFECTIOUS DISEASES



TUBERCULOSIS

The administration is carried out by the Lancashire County Council and Regional Hospital Board, and co-operation is maintained through the Public Health Department. Disinfection of articles and premises is carried out when necessary.

The total number of cases on the register at 31st December, 1959 was as follows:-

<u>Respiratory</u>			<u>Non-Respiratory</u>		
<u>M.</u>	<u>F.</u>	<u>Total</u>	<u>M.</u>	<u>F.</u>	<u>Total</u>
25	25	50	4	1	5

<u>Ages</u>	<u>NEW CASES</u> *				<u>DEATHS</u>			
	<u>Resp.</u>		<u>Non-Resp.</u>		<u>Resp.</u>		<u>Non-Resp.</u>	
	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>	<u>M.</u>	<u>F.</u>
0 - 1	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
25	1	1	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	1	-	-	-	-	-	-	-
55	1	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-
75 & upwards	-	-	-	-	-	-	-	-
TOTAL	3	1	Nil	Nil	Nil	Nil	Nil	Nil

* Includes one case from other district.

<u>Respiratory deaths</u>	<u>Great Harwood</u>	<u>England & Wales</u>
Rate per 1,000 Population	-	0.07

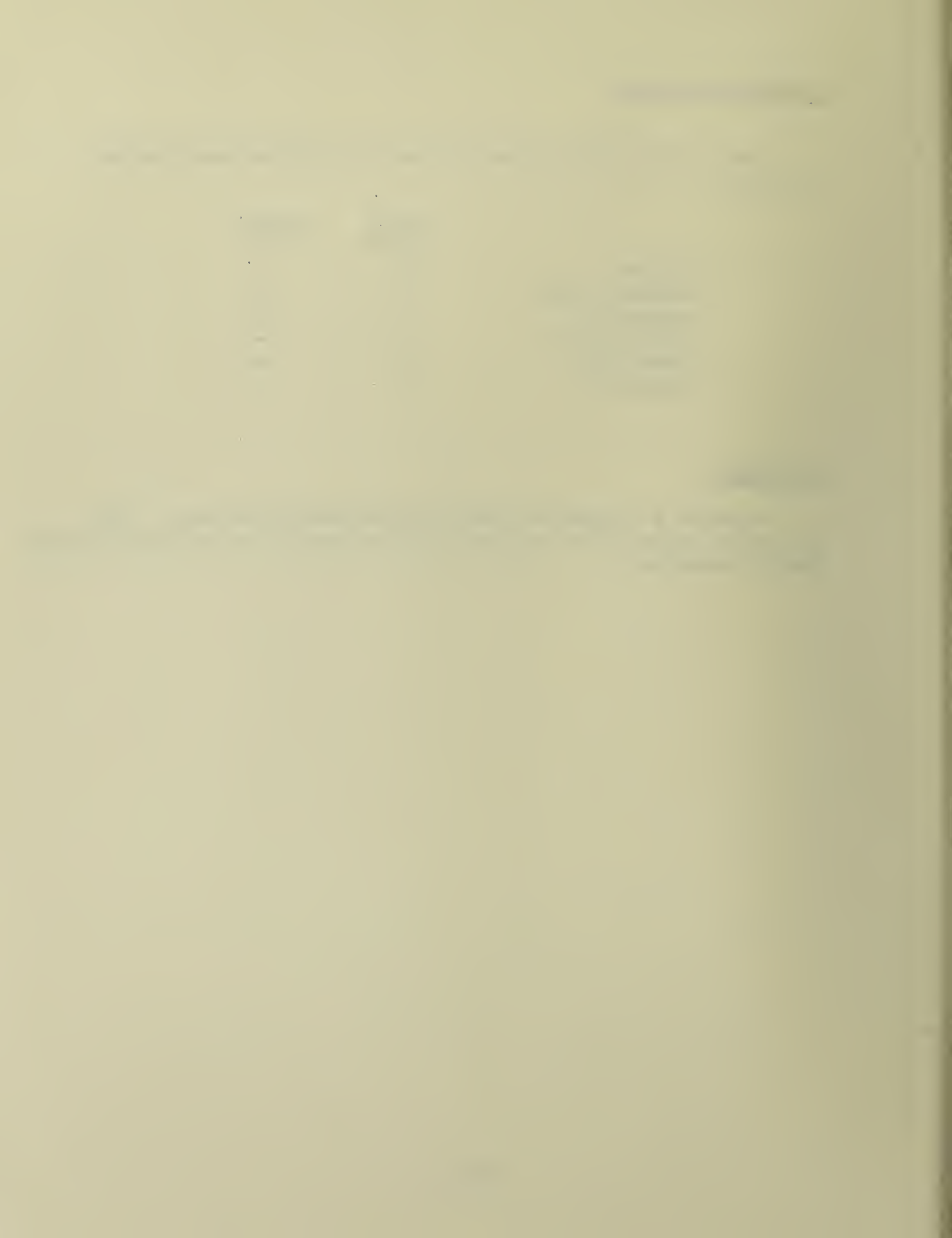
INFECTIOUS DISEASES

The following table shows the number of infectious diseases notified:-

	<u>Total</u>	<u>Deaths</u>
Measles	43	2
Whooping Cough	2	1
Pneumonia	1	3
Scarlet Fever	5	2
Dysentery	1	1
Erysipelas	4	1

DIPHTHERIA

No cases of diphtheria were reported during the year. The diphtheria immunisation administration is carried out by the Divisional Health Authority.



GREAT HARWOOD URBAN DISTRICT COUNCIL

R E P O R T

of the

PUBLIC HEALTH INSPECTOR

and

CLEANSING SUPERINTENDENT

INSPECTION AND SUPERVISION

OF FOOD

MILK AND DAIRIES

Number of farms 18

Ungraded Producers Nil

"T.T." Producers (Retail) 12

MILK SAMPLES

	Methylene Blue Test		Tubercle Bacilli Test		Phosphatase Test
	Sat.	Unsat	Neg.	Pos.	Sat.
"T.T."	9	Nil	9	-	1
Ungraded	Nil	Nil	Nil	-	-
TOTAL	9	Nil	9	Nil	1

ICE CREAM REGULATIONS

Manufacturers (hot mix) 1

Manufacturers (cold mix) Nil

Vendors (shops etc.) 44

Hawkers Nil

WATER SUPPLYRAW WATER SAMPLES

Bacteriological Examinations 52

TREATED WATER SAMPLES

Bacteriological Examinations 108

FOOD AND DRUGS SAMPLING

A total of 55 samples was obtained, consisting of 44 samples of milk (one of which was Channel Islands milk) and 11 others, comprising:-

- 1 Arrowroot
- 1 Glycerin of borax
- 1 Sleeping tablets
- 1 Fish, canned
- 1 Golden raising powder
- 1 Mint sauce
- 1 Meat, cooked
- 2 Ice lollies
- 1 Malt extract
- 1 Blackcurrant syrup

The samples were submitted to the County Analyst for analysis, and, with the exception of those detailed below, were reported to be genuine:-

<u>Type</u>	<u>Result of Analysis</u>	<u>Action taken</u>
Formal Milk	Freezing point indicated the presence of 2.0% of extraneous water	Same source. Farmer cautioned and further samples obtained
Informal Milk	Freezing point indicated the presence of 3.7% of extraneous water	
Formal milk	Fat content 2.75%, deficient 8.3% fat	Vendor notified
Ice lollies	Ingredients listed in wrong order on wrapper. Wheat starch declared but none detected.	Packers communicated with

STORAGE, SALE AND PREPARATION OF FOOD

Number of food premises and type, at the end of the year:-

General Grocers	..	..	..	..	..	..	..	40
Greengrocers (including sale of fish)	..	..	..					16
Fishmongers	..	..	..	..	..	..	..	1
Butchers	..	..	..	..	..	..	..	14
Tripe	..	..	..	..	..	..	..	2
Confectioners	..	..	..	..	..	..	..	30
Fish and Chip	..	..	..	..	..	..	..	8
Ice Cream	..	..	..	..	..	..	..	40

Number of registered premises

Ice Cream	..	..	..	..	..	..	..	40
Meat preparation, etc.	..	..	..	..	..	..	..	14

Food Hygiene Regulations

Sixteen notices were served regarding alterations to premises and the provision of hand basins and hot water supplies.

H O U S I N G



RENT ACT, 1957

Part I - Applications for Certificates of Disrepair

1. Number of applications for certificates	..	..	..	..	6
2. Number of decisions not to issue certificates	..	..	..	2	
3. Number of decisions to issue certificates					
(a) in respect of some but not all defects	..			4	
(b) in respect of all defects	..	..	..	1	
4. Number of undertakings given by landlords under paragraph 5 of the first Schedule	..	..	..	..	4
5. Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	..	..	..	None	
6. Number of certificates issued	..	..	..	..	3

Part II - Applications for Cancellation of Certificates

7. Applications by landlords to Local Authority for cancellation of certificates	Nil
--	----	----	----	----	----	-----

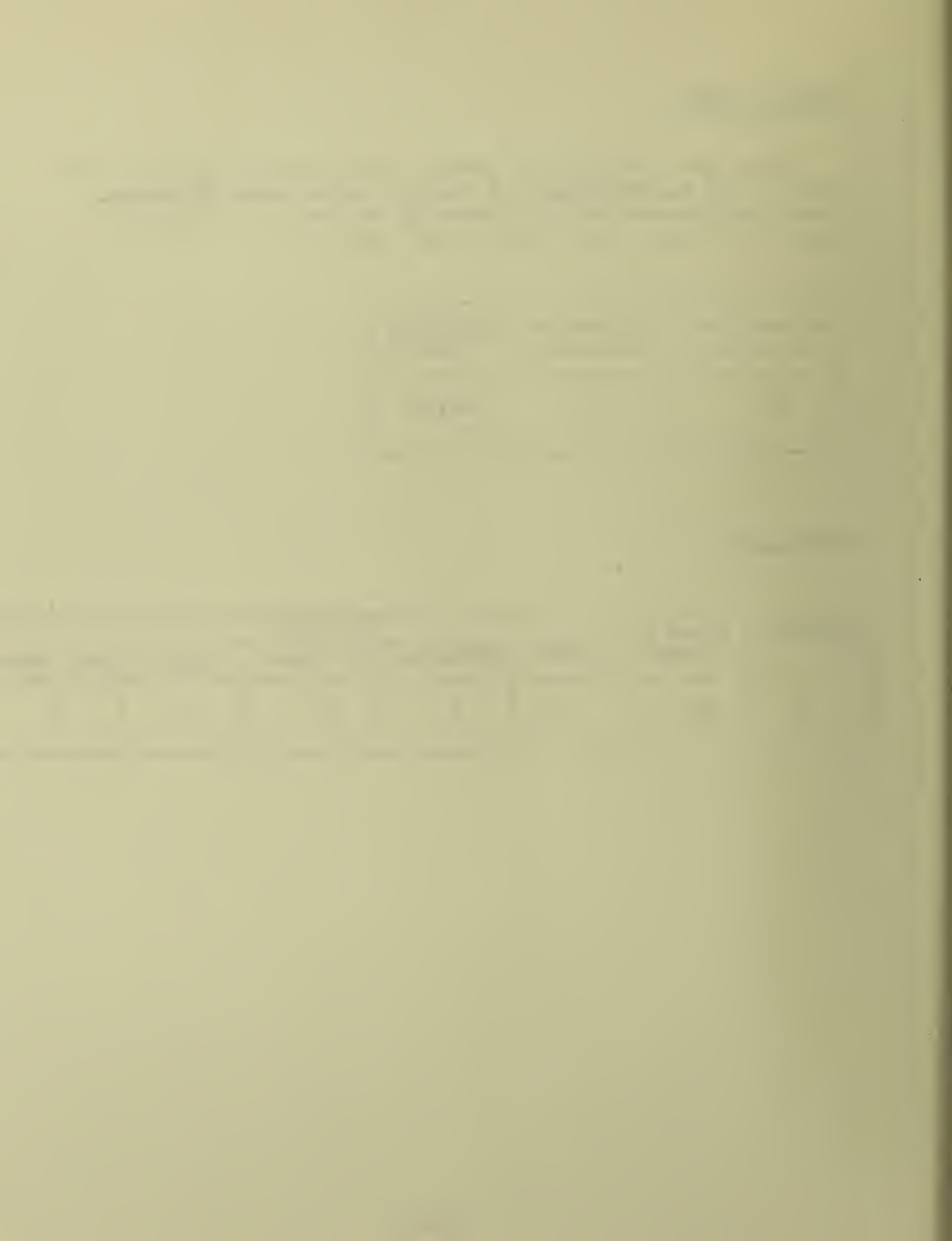
STANDARD GRANTS

During the year the House Purchase and Housing Act 1959 came into operation and the enforcement of standard grants became obligatory. Discretionary grants are not operated by the Council. Details of grants up to December 31st 1959 are as follows:-

Applications Received	Applications Approved	Estimated Cost
93	92	£10,350

Grants Paid

Premises	Amount of Grant	Amenities				
		Bath	Washbasin	Hot Water	W.C.	Food Store
10	£994	8	8	7	10	10



UNFIT DWELLING HOUSES

1.	(a)	Number of houses inspected for defects under Public Health and Housing Acts	..	..	..	..	..	..	80
	(b)	Number of inspections made for the purpose	..	..	..	..	..	..	160
2.	(a)	Number of houses found to be in such a state as to be unfit for human habitation	..	..	..	..	..	..	Nil
	(b)	Number of houses, excluding 2(a) above found not in all respects fit for human habitation	..	..	..	..	..	..	24
		Number of dwelling houses rendered fit in consequence of informal action by Local Authority or their officers	..	..	..	..	..	..	Nil
3.		Number of houses demolished (Section II)	..	..	..	..	..	..	9

ACTION UNDER STATUTORY POWERS

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.								
	(1)	Number of dwelling houses in respect of which notices were served requiring repairs	..	..	..	..	..	..	Nil
	(2)	Number of dwelling houses which after service of formal notices were rendered fit:							
		(a) by owners	..	..	..	..	..	..	Nil
		(b) By Local Authority in default of owners	..	..	..	..	..	..	Nil
(b)	Proceedings under Public Health Acts.								
	(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	..	..	..	..	..	..	2
	(2)	Number of dwelling houses in which defects were remedied after service of formal notices:							
		(a) By owners	..	..	..	..	..	..	2
		(b) By Local Authority in default of owners	..	..	..	..	..	..	Nil

The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \sum_{n=0}^{\infty} a_n x^n$, where $a_n = \frac{1}{n!}$. It is shown that $f(x)$ is an entire function and that $f(x) = e^x$. The second part of the paper is devoted to the study of the properties of the function $g(x)$ defined by the equation $g(x) = \sum_{n=0}^{\infty} b_n x^n$, where $b_n = \frac{1}{n!}$. It is shown that $g(x)$ is an entire function and that $g(x) = e^x$.

The third part of the paper is devoted to the study of the properties of the function $h(x)$ defined by the equation $h(x) = \sum_{n=0}^{\infty} c_n x^n$, where $c_n = \frac{1}{n!}$. It is shown that $h(x)$ is an entire function and that $h(x) = e^x$.

REFERENCES

1. E. T. Whittaker and G. N. Watson, *Functions of Mathematical Physics*, Cambridge University Press, 1927.
2. L. V. Ahlfors, *Complex Analysis*, McGraw-Hill, 1966.
3. I. M. Gel'fand, *Collected Papers*, Mir Press, 1968.
4. A. I. Markushevich, *Foundations of the Theory of Entire Functions*, Fizmatgiz, 1968.
5. S. G. Krein, *Linear Operators and the Theory of the Canonical System*, Fizmatgiz, 1968.
6. A. M. Ginzburg, *Foundations of the Theory of Entire Functions*, Fizmatgiz, 1968.
7. I. M. Gel'fand, *Collected Papers*, Mir Press, 1968.
8. A. I. Markushevich, *Foundations of the Theory of Entire Functions*, Fizmatgiz, 1968.
9. S. G. Krein, *Linear Operators and the Theory of the Canonical System*, Fizmatgiz, 1968.
10. A. M. Ginzburg, *Foundations of the Theory of Entire Functions*, Fizmatgiz, 1968.

SANITARY CIRCUMSTANCES

of the

DISTRICT



SANITARY ACCOMODATION

130 waste water closets were converted during the year. There are 1400 waste water closets in the district. Three pail closets are situated on the outskirts of the town and are emptied weekly.

FACTORIES

There are 79 factories including bakehouses on the register and 64 visits were made during the year. Sanitary accomodation called for the most attention and informal action only was required to remedy the defects.

RODENT CONTROL

A part-time rodent operator is employed and the following details show the amount of work carried out during the year.

Properties inspected	..	..	..	110
Rat infestation found	..	..	..	63
Mice infestation found	.	..	..	11

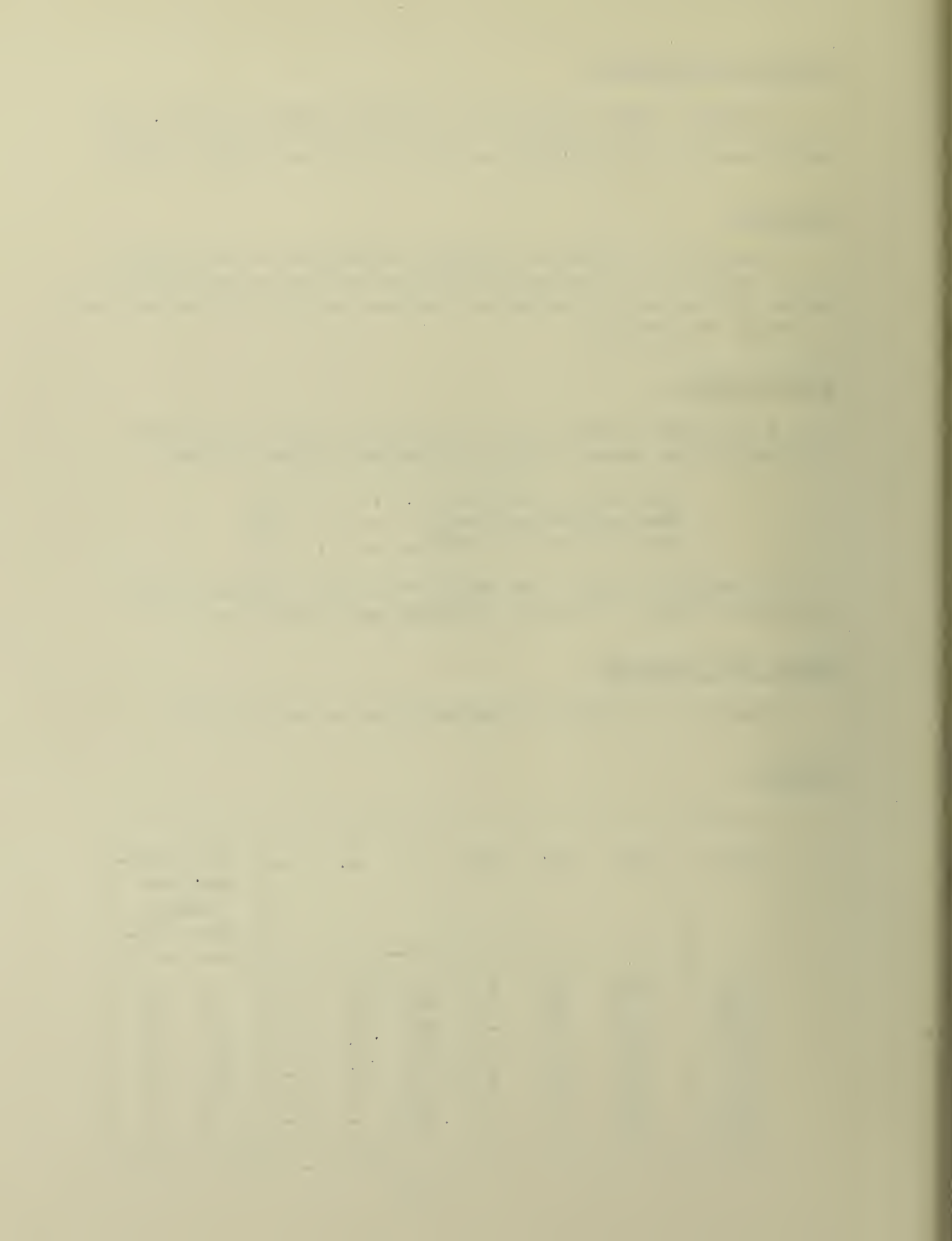
In addition, tips, river banks, etc., were treated for rat infestation, and a full sewer treatment was undertaken.

TENTS, VANS AND SHEDS

There are no authorised camping sites in the district.

SALVAGE:

Year	Tons	Cwt.	Qrs.	£	s.	d.	Av'ge tonnage per month	
							Tons	Cwt.
1959	124	11	1	752	19	0	10	4
1958	119	11	3	762	16	6	9	19
1957	131	11	-	855	1	-	10	19
1956	134	2	1	975	13	-	11	3
1955	151	12	3	1212	12	-	12	12
1954	132	14	2	828	2	10	11	1
1953	109	3	1	599	-	-	9	1
1952	98	9	3	980	16	7	8	4



ANALYSIS OF ATMOSPHERIC POLLUTION QUACE

	1954		1955		1956		1957		1958		1959	
	R.	S.	R.	S.	R.	S.	R.	S.	R.	S.	R.	S.
January	-	-	1.85	-	4.0	24.8	3.8	26.6	4.57	21.84	2.2	11.1
February	-	-	1.50	11.0	1.9	12.6	5.8	14.9	5.88	14.51	0.67	11.32
March	-	-	1.52	16.2	1.3	21.6	3.4	27.1	2.01	11.10	1.69	16.38
April	-	-	3.51	20.2	2.3	19.7	0.5	28.7	1.63	10.62	-	-
May	3.08	-	3.60	17.4	1.3	20.9	2.0	23.9	4.97	15.23	-	-
June	-	-	2.74	28.9	2.5	23.0	1.1	24.4	4.57	14.32	-	-
July	7.48	-	1.10	11.9	5.0	32.0	4.9	24.4	4.5	-	-	-
August	5.59	-	1.01	23.3	10.0	24.4	3.9	26.1	4.06	10.38	-	-
September	6.46	-	3.60	15.9	4.6	17.8	6.1	23.1	4.6	25.3	-	-
October	7.64	-	3.21	25.1	3.0	26.7	7.05	18.20	4.6	16.5	-	-
November	5.24	-	2.47	10.3	1.6	18.7	2.19	11.26	1.6	7.9	-	-
December	5.67	-	4.53	39.1	4.0	30.6	5.04	19.10	4.3	21.5	-	-
TOTAL	40.7	No	30.64	217.7	41.5	274.8	41.2	267.7	47.83	169.20	4.56	38.80
Monthly Average	5.80	-	2.55	19.7	3.45	22.9	3.43	22.3	3.98	15.38	1.18	12.70

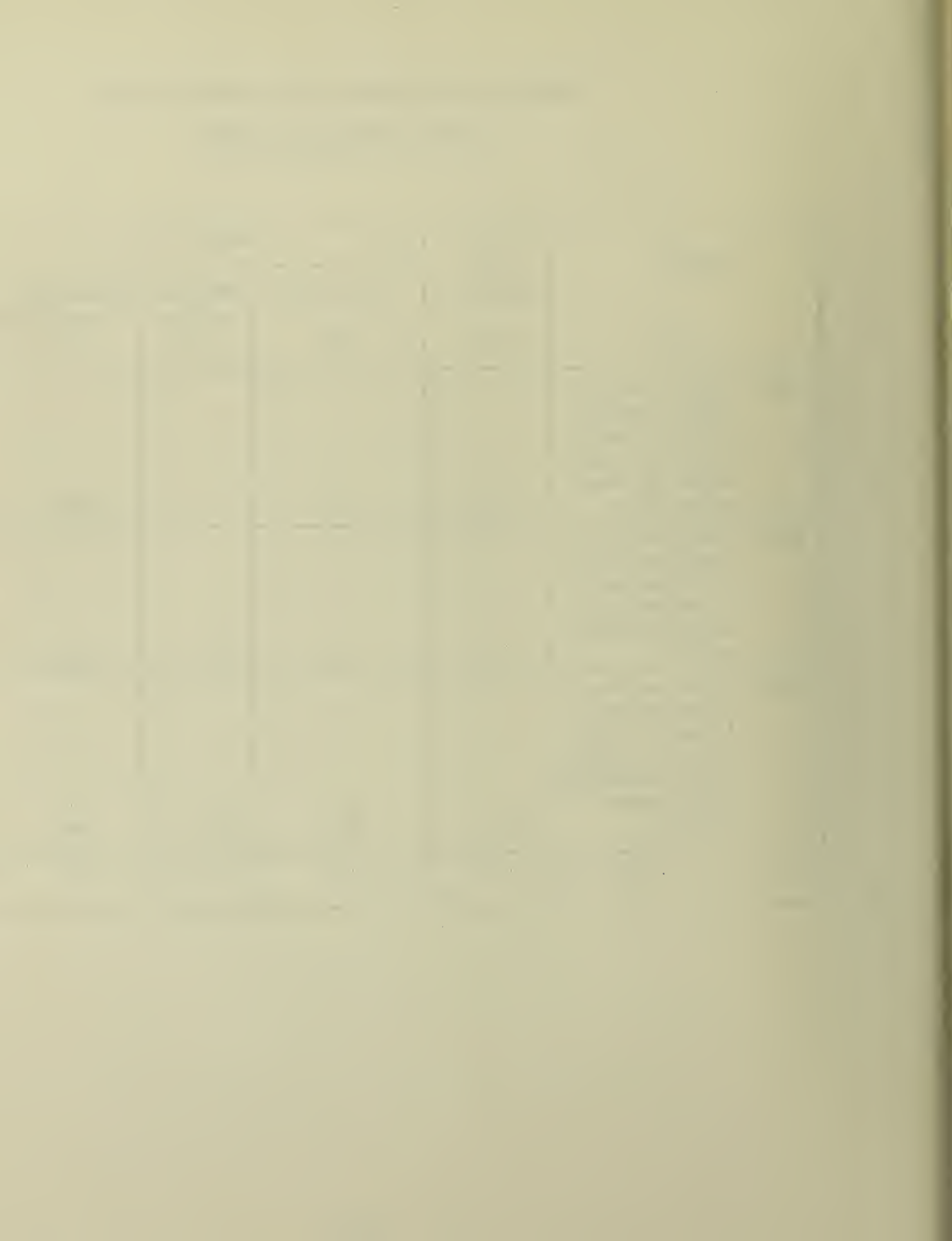
R. Rainfall in Inches S. Total solids - tons per sq. mile

#

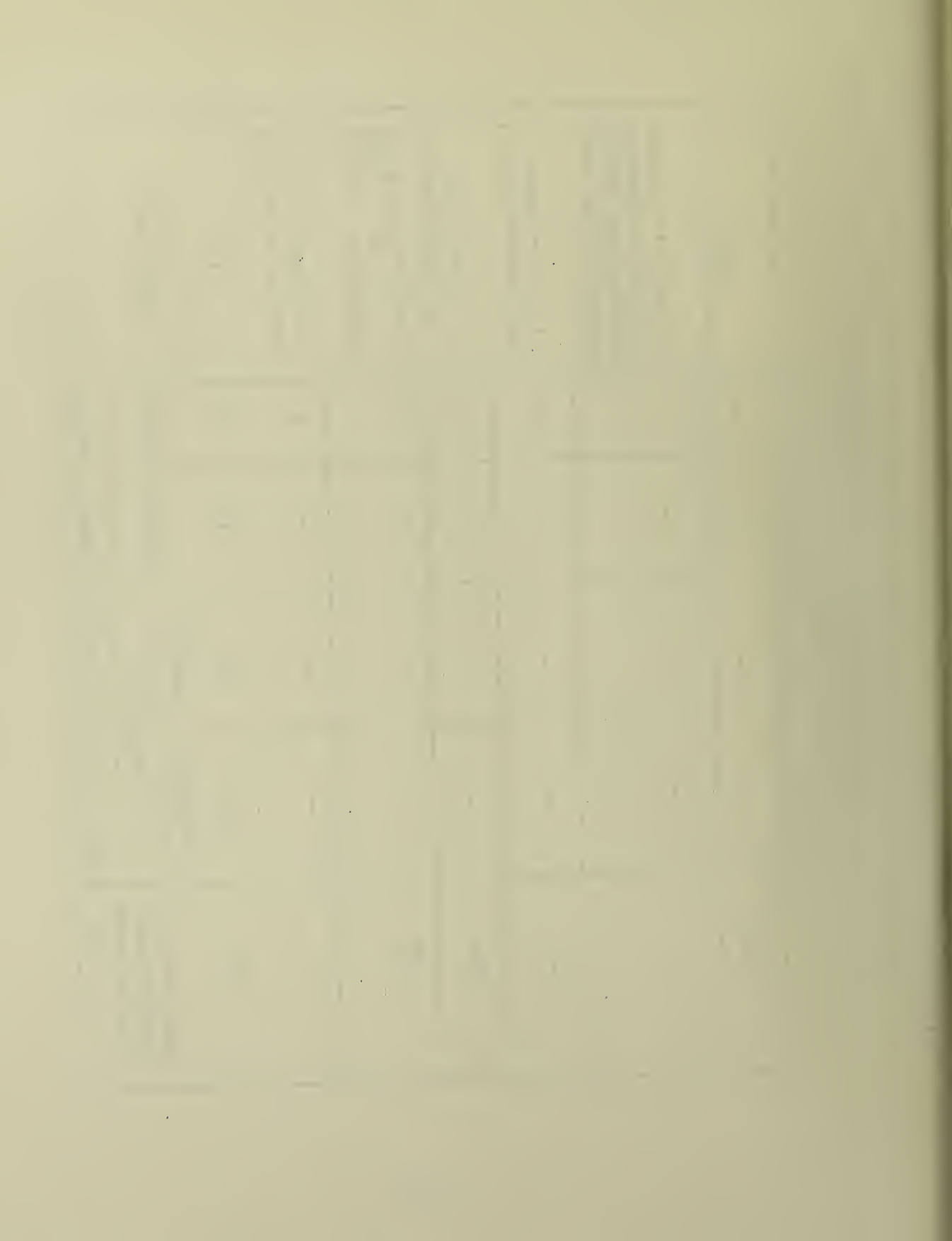
PRESCRIBED PARTICULARS ON THE ADMINISTRATION

OF THE FACTORIES ACT, 1937

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(1) Factories in which Sections 1,2,3,4, and 6 are to be enforced by Local Authorities.	73	28	4	Nil
(11) Factories not included in (1) in which Sec.7 is enforced by the Local Authority.	6	6	Nil	Nil
(111) Other premises in which Sec.7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	Nil	Nil
TOTAL	79	34	4	Nil



Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	Referred By H.M. Inspector	
(1) Ineffective drainage of floors (S.6)	(2) -	(3) -	(4) -	(5) -	(6) -
Sanitary Conveniences (S.7)					
(a) Insufficient....	2	2	-	2	Nil
(b) Unsuitable or defective	2	2	-	-	Nil
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTAL	4	4	-	2	Nil



CLEANSING SERVICE

Table showing costs for the year ending 31st March, 1960

Item	Particulars	Refuse Collection	Refuse Disposal	Salvage	Street Cleansing inc: gully clean- ing, Street sweep- ing - District
A.	Gross Expen- diture	£4904	£1147	£684	£609
B.	Gross Income	£112	£793		-
C.	Net Cost	£4792	£1038		£609
D,	Net Cost per 1,000 premises	£1064	£230		-
E.	Net Cost per 1,000 population	£452	£98		-
F.	Net Cost equivalent rate in £.	11s. 9d.	2s. 5d.		1s. 5d.

